

Detailed Facility Report

Facility Summary

**RESOLUTE FOREST
PRODUCTS CATAWBA
OPERATIONS
5300 CURETON FERRY ROAD,
CATAWBA, SC 29704**

FRS (Facility Registry Service) ID:

110000355035

EPA Region: 04

Latitude: 34.844552

Longitude: -80.893101

Locational Data Source: EIS

Industry:

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Insp (5 Years)	3
Date of Last Inspection	04/09/2021
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	1
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	CWA
Insp (5 Years)	4
Date of Last Inspection	03/15/2021
Current Compliance Status	Violation Identified
Qtrs with NC (of 12)	4
Qtrs with Significant Violation	1
Informal Enforcement Actions (5 years)	1
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	RCRA
Insp (5 Years)	--
Date of Last Inspection	08/13/2015
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	TSCA
Insp (5 Years)	1
Date of Last Inspection	04/19/2017
Current Compliance Status	--
Qtrs with NC (of 12)	--
Qtrs with Significant Violation	--
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Operating Major (SC00024400005)
Clean Water Act (CWA): Minor, Permit Terminated; Compliance Tracking Off (SCR003611), Minor, Permit Effective (SCR006095), Major, Permit Admin Continued (SC0001015)
Resource Conservation and Recovery Act (RCRA): Active (SCD003336328)
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): 4054911
Greenhouse Gas Emissions (eGGRT): 1000348
Toxic Releases (TRI): 29704BWTRC5300C
Compliance and Emissions Data Reporting Interface (CEDRI): CEDRI80610,
CEDRI123399

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110000355035					N	34.844552	-80.893101
ICIS		23356					N		
ICIS		3600749273					N		
ICIS-Air	CAA	SC00024400005	Major Emissions	Operating	CAAMACT, CAANSPS, CAANSR, CAAOTH, CAAPSD, CAASIP, CAATVP		N		
CAMDBS	CAA	2440		ACTIVE			N		
CEDRI	CAA	CEDRI80610					N		
CEDRI	CAA	CEDRI123399					N		
EIS	CAA	4054911					N	34.84	-80.87999
GHGRP	CAA	1000348	Direct Emitter	Subject	General Stationary Fuel Combustion, Pulp and Paper Manufacturing, Industrial Waste Landfills		N	34.831667	-80.8875
RMP	CAA	100000147897		INACTIVE			N		
ICIS-NPDES	CWA	SCR003611	Minor: General Permit Covered Facility	Terminated; Compliance Tracking Off	Industrial Stormwater	12/25/2010	N	34.831667	-80.8875
ICIS-NPDES	CWA	SCR006095	Minor: General Permit Covered Facility	Effective		09/30/2021	N	34.8450326	-80.893448
ICIS-NPDES	CWA	SC0001015	Major: NPDES Individual Permit	Admin Continued		09/30/2014	N	34.832222	-80.887222
TRI	EP313	29704BWTRC5300C	Toxics Release Inventory	Last Reported for 2019			N	34.844552	-80.893101
RCRAInfo	RCRA	SCD003336328	SQG	Active (H)			N	34.850739	-80.891193
TSCA	TSCA	TSCA8676					N		
TSCA	TSCA	100607726					N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110000355035	RESOLUTE FOREST PRODUCTS CATAWBA OPERATIONS	5300 CURETON FERRY ROAD, CATAWBA, SC 29704
ICIS		23356	BOWATER INCORPORATED COATED PAPER & PULP DIVISION	5300 CURETON FERRY ROAD, CATAWBA, SC 29704
ICIS		3600749273	RESOLUTE FOREST PRODUCTS	5300 CURETON FERRY RD, CATAWBA, SC 29704
ICIS-Air	CAA	SC00024400005	NEW-INDY CATAWBA LLC	5300 CURETON FERRY RD, CATAWBA, SC 29704
CAMDBS	CAA	2440	ABIBOW US INC. - CATAWBA OPERATIONS	SC
CEDRI	CAA	CEDRI80610	NEW-INDY CATAWBA LLC	5300 CURETON FERRY RD, CATAWBA, SC 29704
CEDRI	CAA	CEDRI123399	NEW-INDY CATAWBA LLC	5300 CURETON FERRY RD, CATAWBA, SC 29704
EIS	CAA	4054911	NEW-INDY CATAWBA LLC	5300 CURETON FERRY RD, CATAWBA, SC 29704
GHGRP	CAA	1000348	New-Indy Catawba LLC	5300 CURETON FERRY ROAD, CATAWBA, SC 29704

System	Statute	Identifier	Facility Name	Facility Address
RMP	CAA	100000147897	RESOLUTE CATAWBA	5300 CURETON FERRY ROAD, CATAWBA, SC 29704
ICIS-NPDES	CWA	SCR003611	BOWATER, INC. COATED PAPER DIV	SC, CATAWBA, SC 29704-7700
ICIS-NPDES	CWA	SCR006095	NEW-INDY CATAWBA PLANT	5300 CURETON FERRY ROAD, CATAWBA, SC 29704
ICIS-NPDES	CWA	SC0001015	NEW-INDY CATAWBA LLC	5300 CURETON FERRY RD, CATAWBA, SC 297047700
TRI	EP313	29704BWTRC5300C	NEW-INDY CATAWBA LLC	5300 CURETON FERRY RD, CATAWBA, SC 29704
RCRAInfo	RCRA	SCD003336328	NEW-INDY CATAWBA LLC	5300 CURETON FERRY RD, CATAWBA, SC 29704
TSCA	TSCA	TSCA8676	NEW-INDY CATAWBA LLC	5300 CURETON FERRY ROAD, CATAWBA, SC 29704
TSCA	TSCA	100607726	NEW_INDY CATAWBA LLC	5300 CURETON FERRY ROAD, CATAWBA, SC 29704

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	29704BWTRC5300C	2611	Pulp Mills
TRI	29704BWTRC5300C	2621	Paper Mills
ICIS-NPDES	SC0001015	2611	Pulp Mills
NPDES	SC0001015	2611	Pulp Mills
ICIS-Air	SC00024400005	2631	Paperboard Mills
ICIS-NPDES	SCR003611	2611	Pulp Mills
NPDES	SCR003611	2611	Pulp Mills
ICIS-NPDES	SCR006095	2421	Sawmills And Planing Mills, General
ICIS-NPDES	SCR006095	2611	Pulp Mills
ICIS-NPDES	SCR006095	2621	Paper Mills
NPDES	SCR006095	2421	Sawmills And Planing Mills, General
NPDES	SCR006095	2611	Pulp Mills
NPDES	SCR006095	2621	Paper Mills

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RMP	100000147897	32211	Pulp Mills
GHGRP	1000348	322121	Paper (except Newsprint) Mills
CAMDBS	2440	322121	Paper (except Newsprint) Mills
TRI	29704BWTRC5300C	322110	Pulp Mills
TRI	29704BWTRC5300C	322121	Paper (except Newsprint) Mills
TRI	29704BWTRC5300C	322122	Newsprint Mills
EIS	4054911	322122	Newsprint Mills
ICIS-Air	SC00024400005	322110	Pulp Mills
RCRAInfo	SCD003336328	32211	Pulp Mills
RCRAInfo	SCD003336328	322121	Paper (except Newsprint) Mills
RCRAInfo	SCD003336328	322122	Newsprint Mills

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	SC00024400005	ICIS-Air	Inspection/Evaluation	PCE On-Site	EPA	04/15/2021	
CAA	SC00024400005	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	04/09/2021	
CAA	SC00024400005	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	02/22/2021	
CAA	SC00024400005	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	02/11/2021	
CAA	SC00024400005	ICIS-Air	Inspection/Evaluation	Stack Test	State	02/10/2021	Findings: Pass
CAA	SC00024400005	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	11/03/2020	
CAA	SC00024400005	ICIS-Air	Inspection/Evaluation	PCE On-Site	State	10/01/2020	
CAA	SC00024400005	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	State	07/31/2020	Reviewed: 09/17/2020 Facility Reported Deviations

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+	
	HPV History																
	Violation Type	Agency	Programs	Pollutants													
Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: SCR003611)				01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-05/07/21
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit
	Quarterly Noncompliance Report History																
	CWA (Source ID: SCR006095)				01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-05/07/21
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Undetermined
	Quarterly Noncompliance Report History																
	CWA (Source ID: SC0001015)				01/01-03/31/18	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-05/07/21
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Significant/ Category I Noncompliance	Violation Identified	Violation Identified	Undetermined
	Quarterly Noncompliance Report History									Other Violation				Failure to Report DMR - Not Received	Reportable Noncompliance	Other Violation	
	Pollutant	Disch Point	Mon Loc	Freq													
CWA	Coliform, fecal general	E01A - 1	Effluent Gross	NMth												1400%	

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: SCD003336328)		07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
CAA	ICIS-Air	SC00024400005	Notice of Violation	State	11/03/2016
CWA	ICIS-NPDES	SC0001015	Base Program - Letter of Violation/ Warning Letter	State	02/23/2021

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
030501030604	Sixmile Creek-Catawba River	CATAWBA RIVER	No	No		Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	No		Yes	8-Hour Ozone (2008)
Lead	No		No	
Particulate Matter	No		No	
Carbon Monoxide	No		No	
Sulfur Dioxide	No		No	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

Air Pollutant ReportTRI Pollution Prevention Report

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
29704BWTRC5300C	2019	1,432,224	144,205	0		318,552	1,894,981	
29704BWTRC5300C	2018	1,437,142	142,682	0		320,461	1,900,285	
29704BWTRC5300C	2017	1,536,608	163,576	0		375,075	2,075,259	
29704BWTRC5300C	2016	1,683,200	152,258	0		427,760	2,263,218	
29704BWTRC5300C	2015	1,722,391	188,662	0		481,349	2,392,402	
29704BWTRC5300C	2014	1,651,563	206,323	0		442,520	2,300,406	
29704BWTRC5300C	2013	1,445,010	207,796	0		500,597	2,153,403	
29704BWTRC5300C	2012	1,324,905	141,752	0		494,254	1,960,911	
29704BWTRC5300C	2011	1,314,717	214,636	0		460,007	1,989,360	
29704BWTRC5300C	2010	1,135,560	180,954	0		439,869	1,756,383	

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
1,1,1-Trichloroethane										
Acetaldehyde	50,684	52,088	52,383	54,197	54,123	53,530	48,094	42,172	38,501	36,031
Acetone										
Ammonia	166,072	169,514	174,772	177,563	175,478	177,225	181,344	171,788	194,707	184,571
Barium compounds (except for barium sulfate (CAS No. 7727-43-7))	46,227	49,625	61,692	58,288	63,963	60,818	61,865	59,596	63,670	59,314
Benzo[g,h,i]perylene	18	19	14	13	14	14	14	13	14	13
Catechol										
Chlorine	809	915	1,005	1,170	1,198	1,751	803	955	1,314	1,567
Chlorine dioxide	4,833	4,766	5,146	5,823	5,929	5,743	5,967	6,363	7,021	6,929
Chloroform										
Cresol (mixed isomers)	16,112	16,686	17,264	18,144	17,462	17,322	17,444	18,191	19,799	19,256
Dioxin and dioxin-like compounds (in grams)	8	9	14	17	18	19	21	18	21	20
Formaldehyde	12,396	13,363	17,649	17,357	17,903	17,844	17,854	17,252	19,051	18,693
Formic acid	6,044	5,538	5,881	6,679	6,532	6,624	7,206	7,464	8,083	7,677
Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	61,956	62,919	70,820	85,808	96,064	88,399	103,364	103,228	113,063	111,024
Hydrogen sulfide	86,666	86,905	88,745	90,795	90,793	90,991	89,112	90,429		
Lead	2,494	2,597	3,625	4,594	4,942	4,865	5,535	5,107	5,606	5,319
Manganese compounds	112,134	116,963	140,795	136,482	158,501	165,769	168,682	136,493	170,190	145,778
Mercury	23	27	33	39	41	56	31	33	44	47

Chemical Name	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
Methanol	1,168,657	1,157,269	1,226,967	1,326,800	1,343,095	1,265,623	1,076,745	953,514	937,485	752,067
Methyl ethyl ketone										
Naphthalene										
Nitrate compounds (water dissociable; reportable only when in aqueous solution)	24,760	25,424	28,752	25,671	32,355	36,132	35,450	24,449	35,544	33,075
Phenol	16,639	17,506	18,107	18,952	18,286	18,063	12,912	13,584	18,109	13,745
Phosphoric acid										
Polychlorinated biphenyls										
Polycyclic aromatic compounds	226	241	260	253	253	249	251	257	264	253
Sodium hydroxide (solution)										
Sodium sulfate (solution)										
Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	36,504	41,873	45,513	52,148	52,054	75,587	36,632	42,559	57,994	63,864
Vanadium compounds	4,754	5,071	6,214	6,019	6,665	6,568	6,638	6,118	6,821	6,386
Xylene (mixed isomers)										
Zinc compounds	76,966	70,968	109,609	176,406	246,734	207,215	277,441	261,329	292,060	290,755

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	27.2
Ozone NATA Diesel PM	29.5
NATA Air Toxics Cancer Risk	21.1
NATA Respiratory Hazard Index (HI)	19.5
Traffic Proximity	52.1
Lead Paint Indicator	42.5
Superfund Proximity	4.5
Risk Management Plan (RMP) Proximity	25.7
Hazardous Waste Proximity	30.7
Wastewater Discharge Proximity	4.5

Number of EJ Indexes Above 80th Percentile
0

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons	3,037
Population Density	112/sq.mi.
Percent Minority	24%
Households in Area	1,115
Housing Units in Area	1,216
Households on Public Assistance	5
Persons Below Poverty Level	1,166

Geography	
Radius of Selected Area	3 mi.
Center Latitude	34.844552
Center Longitude	-80.893101
Land Area	97%
Water Area	3%

Income Breakdown - Households (%)	
Less than \$15,000	142 (13.33%)
\$15,000 - \$25,000	119 (11.17%)
\$25,000 - \$50,000	358 (33.62%)
\$50,000 - \$75,000	165 (15.49%)
Greater than \$75,000	281 (26.38%)

Age Breakdown - Persons (%)	
Children 5 years and younger	158 (5%)
Minors 17 years and younger	670 (22%)
Adults 18 years and older	2,367 (78%)
Seniors 65 years and older	386 (13%)

Race Breakdown - Persons (%)	
White	2,359 (78%)
African-American	504 (17%)
Hispanic-Origin	89 (3%)
Asian/Pacific Islander	14 (0%)
American Indian	55 (2%)
Other/Multiracial	105 (3%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	119 (6.42%)
9th through 12th Grade	244 (13.17%)
High School Diploma	697 (37.61%)
Some College/2-year	557 (30.06%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	236 (12.74%)